ALEKSEYEV, A. G.; VERTSNER, V. N.; ZHUKOVSKAYA, O. V.: PODUSHKO, Ye. V.; TIKHOMIROV, G.P.

"The structure of some glasses of LiO_2-Al_2O_3-SiO_2-TiO_2 system and its variation in thermal treatment over the wide temperature range."

report submitted for 4th All-Union Conf on Structure of Glass, Leningrad, 16-21 Mar 64.

L 11869-66 EWT(m)/EWP(e)/EWP(b) GS/WH

ACC NR: AT6000503 SOURCE CODE: UR/0000/65/000/000/0351/0356

AUTHOR: Alekseyev, A. G.; Vertsner, V. N.; Zhukovskaya, O. V.; Podushko, Ye. V.; Tikhomirov, G. P.

ORG: None

TITLE: The changes in the properties and structure of Li_2O-Al_2O_3-SiO_2-TiO_2 glasses during heat treatment in a wide range of temperatures

SOURCE: Vsesoyuznoye soveshchaniye po stekloobraznomu sostoyaniyu. 4th, Leningrad, 1964. Stekloobraznoye sostoyaniye (Vitreous state); trudy soveshchaniya, Leningrad, Izd-vo Nauka, 1965, 351-356

TOPIC TAGS: lithium glass, silicate glass, aluminum silicate, solid solution, catalized crystallization, crystal

ABSTRACT: The properties and structure of lithia-aluminosilica glasses catalyzed by TiO_2 and treated within a wide range of temperatures have been investigated. Special attention was paid to glasses the composition of which was close to spodumene (SiO_2 - 60.5; Al_2O_3 - 28.0; Li_2O - 6.5; TiO_2 - 5.0 weight %). The results cover the dependence of the index of refraction and glass density on the duration of treatment, the comparative x-ray and infrared reflection spectra for glasses treated at different temperatures, and the dependence of the index of refraction and glass density on treatment temperature. Curves of the differential thermal analysis are also given. The results show that at temperatures of 700 to 800C the resulting crystals

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L 11869-66

ACC NR: AT6000503

belong basically to the eucryptite-like solid solution. By their chemical composition these crystals are close to spodumene. At 890C, the basic crystalline phase becomes apparently identical to the β modification of spodumene, and the solid solution is now of the spodumene type. Orig. art. has: 6 figures.

SUB CODE: 11, 20 / SUBM DATE: 22May65 / OTH REF: 002

jw

Card 2/2

VERTSNER, V.N.; TIKHOMIROV, G.P.; DAVYDOV, M.S.

Electron-microscopic and electron diffraction studies of photosensitive lead sulfide films obtained by precipitation from solutions. Izv. AN SSSR. Ser. fiz. 27 no.9:1228-1231 S '63. (MIRA 16:9)

(Electron microscopy) (Electron diffraction examination) (Lead sulfide--Testing)

ACCESSION NR: AP4010759 S/0020/64/154/001/0178/0180

AUTHORS: Alekseyev, A. G.; Vertsner, V. N.; Kondrat'yev, Yu. N.; Podushko, Ye. V.; Tikhomirov, G. P.

TITLE: estigation of catalyzed crystallization of glass

SOURCE: ... SSSR. Doklady*, v. 154, no. 1, 1964, 178-180

TOPIC TAGS: glass crystallization, catalyzed crystallization, glass opacity, spodumene, glass thermal treatment, Li_2O-Al_2O_3-SiO_2 Glass, TiO_2 catalyst

ABSTRACT: Glasses of the systems Li_2O-Al_2O_3-SiO_2 (similar in composition to that of spodumene) with 5% addition of TiO_2 as a catalyst were studied. Structural analysis was performed by electron- and X-ray diffraction. In addition, changes in light absorption were measured. Specimens were heat treated in air for 25 hrs in the temperature range between 600 and 1000°. There was no noticeable structural change in glass up to 625°. In the range from 625 to 700°, small crystals in some parts of the specimens appear. Above 700°, small-crystalline phase in the whole volume

Card 1/2

ACCESSION NR: AP4010759

is formed. The crystals remain small up to 830°. Above this temperature large size crystals are formed, and the glass becomes opaque. Orig. art. has: 3 Figures.

ASSOCIATION: None

SUBMITTED: 06Jun63 DATE ACQ: 10Feb64 ENCL: 00

SUB CODE: CH NR REF SOV: 001 OTHER: 002

Card 2/2

TIKHOMIROV, G. P.

PA 10/49T100

USSR/Petroleum Industry — Aug 48
Power Plants -- Emergency
Circuits, Electric

"Emergency Lead-Out Wires From Power Substations at Petroleum Industries," G. P. Tikhomirov, GiproVostokNeft, 2½ pp

"Energet Byul" No 8

Describes feeder system adopted for temporary electrical supply in oilfield. Circuit diagrams are reproduced and advantages explained.

[redacted] 10/49T100

TIKHOMIROV, G. P.

PA 33/49T31

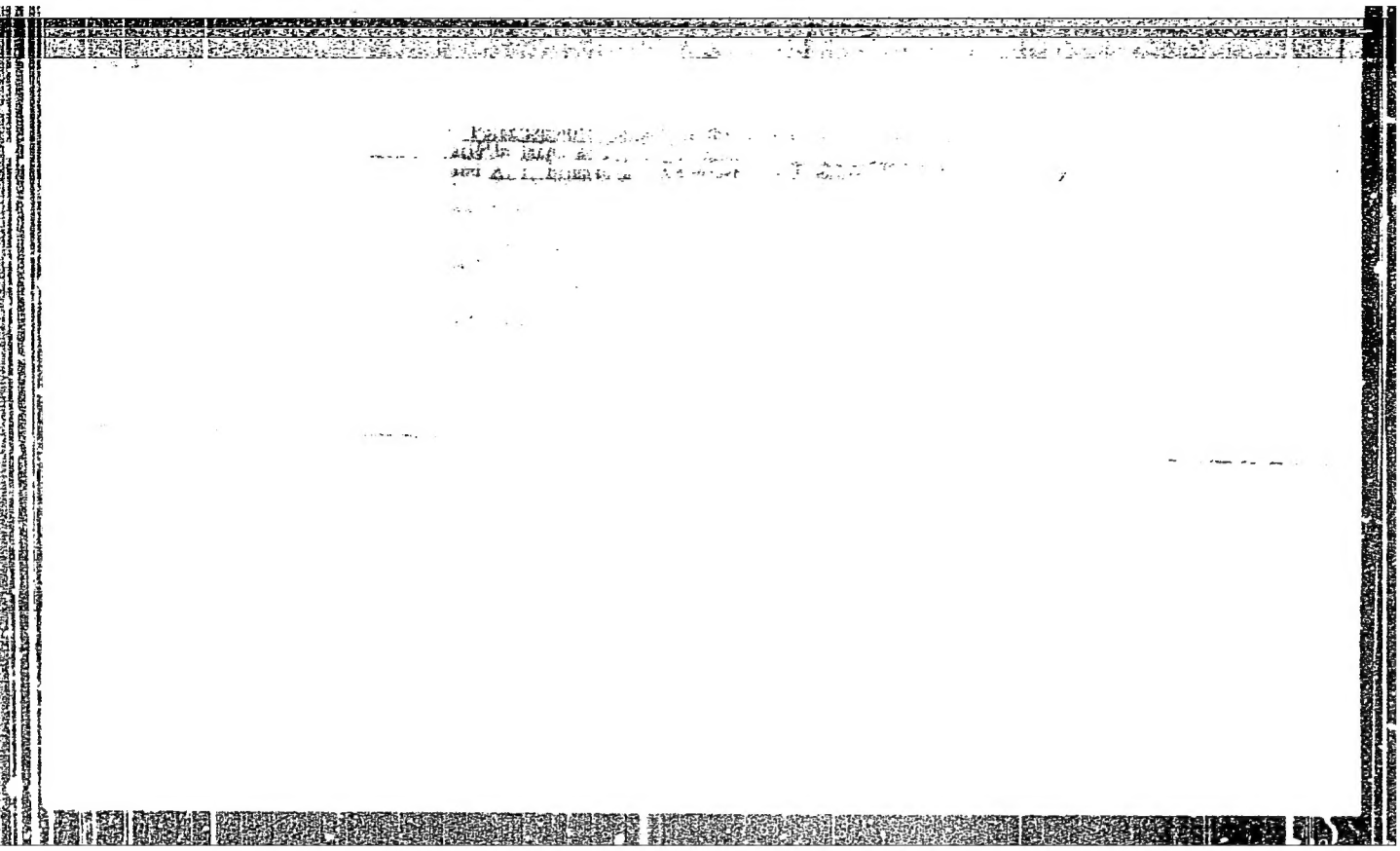
USSR/Electricity Feb 49
Power Supplies
Machines, Drilling

"An Effective Method of Supplying Electricity for Turbine Drilling," G. P. Tikhomirov, G. M. Kagan, Engineers, 3 pp

"Prom Energet" No 2

Proposes innovation in the power supply for drilling operations, which consists essentially in adding a separate transformer for clay-mixer motors, pump motors, and lighting (30 kva) to allow the main transformer (320 kva) to operate only during actual drilling operation.

33/49T31



APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755610002-4"

ALEKSEYEV, A.G.; VARGIN, V.V.; VERTSNER, V.N.; KIND, N.Ye.; KONDRAT'YEV, Yu.N.; PODUSHKO, Ye.V.; SEREBRYAKOVA, M.V.; TIKHOMIROV, G.P.; TUDOROVSKAYA, N.A.; FLORINSKAYA, V.A.; LIBERMAN, N.R., red.

[Controlled catalyzed crystallization of glasses of the lithium aluminosilicate system] Kataliziruvannaia reguliruemaia kristallizatsiia stekol litievoaliumosilikatnoi sistemy. Leningrad, Khimiia. Pt.1. 1964. 119 p. (MIRA 18:4)

ACC NR: AP7002720 SOURCE CODE: UR/0237/66/000/012/0009/0012

AUTHOR: Voytovich, G. D.; Davydov, M. S.; Ivanov, A. I.; Tikhomirov, G. P.

ORG: none

TITLE: Study of the optical properties, structure, and phase composition of lead sulfide and selenide films

SOURCE: Optiko-mekhanicheskaya promyshlennost', no. 12, 1966, 9-12

TOPIC TAGS: optics, spectral absorption, lead sulfide, lead selenide, thin film, thin film optics, thin film structure, thin film phase composition, lead sulfide film, film impurity, cyanide, basic carbonate, zinc oxide, electron microscopy, electron diffraction

ABSTRACT: A study was made of the spectral absorption of thin films of lead sulfide and lead selenide obtained by precipitation from solution. The structure and phase composition of the films were investigated using electron microscopy and electron diffraction. The anomalies observed in the optical absorption curve and spectral response curve were found to characterize films containing impurity phases: cyanide, basic carbonate, and zinc oxide. It was also noted that the

Card 1/2 UDC: 539.216.22:546.815'221'23:535

ACC NR: AP7002720

coprecipitation of impurities substantially affects the crystallization of lead sulfide and lead selenide. Orig. art. has: 4 figs, and 1 table. [Translation of abstract] [SP]

SUB CODE: 20/SUBM DATE: 03Feb66/ORIG REF: 003/OTH REF: 005/

Card 2/2

TIKHOMIROV, G.S.

"History of geography and geographical discoveries" [in Bulgarian] by A.Beshkov, L.Dinev. Reviewed by G.S.Tikhomirov. Vop.ist.est.i tekh. no.8:173-174 '59. (MIRA 13:5)
(Geography) (Beshkov, A.)(Dinev, L.)

TIKHOMIROV, G.S.

Second centennial observance of the death of Academician S.P. Krasheninnikov. Vop. ist.est. i tekh. no.1:316-318 '56.

(MLRA 9:10)

(Krasheninnikov, Stepan Petrovich, 1711-1755)

TIKHOMIROV, G.S.

11-58-3-14/14

AUTHOR: Tikhomirov, G.S.

TITLE: The History of Geological and Geographical Sciences Section of the Soviet National Union of Historians of Natural and Technical Sciences Holdsits First Session (O pervom Zasedanii sektsii istorii geologo-geograficheskikh nauk sovietskogo natsional'nogo ob'yedineniya istorikov yestestvoznaniya i tekhniki)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya, 1958, # 3, pp 127-128 (USSR)

ABSTRACT: In June 1957, the First Conference of the Soviet National Union of Historians of Natural and Technical Sciences, which forms part of the International Union of the History and Philosophy of Sciences, was held in Moscow. During this conference, the History of Geological and Geographical Sciences Section was formed. Professor G.P. Gorshkov, Doctor of Geological-Mineralogical Sciences was elected its chairman; Professor B.P. Orlov, Active Member of the Academy of Pedagogical Sciences of the RSFSR and Doctor of Geographical Sciences - its deputy-chairman; and G.S. Tikhomirov, Candidate of Economical Sciences - its learned secretary.

The first session of the Section took place on 16 October 1957. Professor G.P. Gorshkov announced future assignments

Card 1/3

The History of Geological and Geographical Sciences Section of the Soviet National Union of Historians of Natural and Technical Sciences Hold Its First Session

of the Section, which included a study of the history of ideas, theoretical notions and their connection with practical usage; history of research on the most important types of minerals and their deposits as related to the development of the mining industry; history of the large geographical and geological institutions of the Soviet period; and the creation of large monographs and works of lesser format on the history of geology and geography. Another important task is the preparation of materials for the International Congress of Historians of Sciences, which will take place in 1959 in Brussels. N.N. Zubov, Doctor of Geographical Sciences, A.I.Solov'yev , Member-Correspondent of the Academy of Pedagogical Sciences, V.V. Tsybulskiy, Candidate of Geographical Sciences, B.V. Yusov, Editor-in-Chief of the publication "Geografgiz", Ya.M. Svet, Candidate of Geological-Mineralogical Sciences, Dotsent I.I. Starostin, G.V. Yanikov, Candidate of Geographical Sciences; N.A. Solntsev, Candidate of Geographical

The History of Geological and Geographical Sciences Section of the Soviet National Union of Historians of Natural and Technical Sciences Hold Its First Session

Sciences; A.A. Kuzin, Candidate of Historical Sciences; A.F. Plakhotnik, Candidate of Geographical Sciences and G.S. Tikhomirov, Candidate of Economical Sciences, took part in the discussions that followed.

AVAILABLE: Library of Congress

Card 3/3

1. TIKHOMIROV, G. S.

2. USSR (600)

4. Geology and Geography

7. Notes on the History of Geography, G. S. Tikhomirov. (Moscow, Education-Pedagogic Press, 1947). Reviewed by M. A. Kogan, Sov. Kniga, No 7, 1948.

9. [redacted] Report U-3081, 16 Jan. 1953, Unclassified.

30(12)

SOV/25-59-2-16/48

AUTHOR: Tikhomirov, G.S., Candidate of Economic Sciences

TITLE: In Search of the Biblical Paradise (V poiskakh bibleyskogo raya)

PERIODICAL: Nauka i zhizn', 1959, Nr 2, p 41-45 (USSR)

ABSTRACT: The author gives a historical survey of human dreams about a terrestrial paradise (the garden of Eden). He affirms that due to exploratory research there is no reason for the assumption of a terrestrial paradise. There are 4 drawings and two maps.

Card 1/1

TIKHOMIROV, G.S.

In the section of history of geology and geography of the Soviet National Association of Natural Sciences and Technology. Nauch. dokl.vys.shkoly; geol.-geog.nauki no.2:256-257 '58. (MIRA 12:2)
(Geology) (Geography)

TIKHOMIROV, G.S., kand.ekon.nauk

In search of the Biblical Paradise. Nauka i zhizn' 26 no.2:41-45 F '59. (MIRA 12:2)
(Paradise) (Voyages and travels)

TIKHOMIROV, G.S.

In the section of the History of Geology and Geography of the Soviet National Association of the Historians of Natural Science and Technology. Izv. AN SSSR.Ser.geog. no.1:176 Ja-F '58.
(MIRA 11:2)

(Geology) (Geography)

TIKHOMIROV, G.S.; DESOV, A.Ye., doktor tekhnicheskikh nauk, laureat Stalinskoy premii, professor, redaktor; GALKIN, Ya.G., kandidat tekhnicheskikh nauk, nauchnyy redaktor; IZRAILOVICH, N.Ye., inzhener redaktor; TUMARKIN, D.M., inzhener, redaktor izdatel'stva; VORONIN, K.P., tekhnicheskiy redaktor

[Scientific works of the Central Scientific Research Institute of Industrial Construction published during 25 years (1927-1952); an annotated bibliography] Uchenye trudy TsNIPS za 25 let (1927-1952); sbornik annotatsii. Sost. G.S.Tikhomirov. Pod obshchei red. A.E. Desova. Moskva, Gos. izd-vo lit-ry po stroit i arkhitekture, 1952. 286 p. (MLRA 9:11)

1. Moscow. TSentral'nyy nauchno-issledovatel'skiy institut promyshlennykh sooruzheniy.
(Bibliography--Building)

TIKHOMIROV,G.S.

Two hundredth anniversary of the death of Academician S.P.Krasheninnikov (joint session of scientific councils of the Institute of Geography and the Institute of the History of Natural Science and Technology of the Academy of Sciences of the U.S.S.R.) Izv.AN SSSR. Ser.geog. no.4:82-84 Jl-Ag'55. (MLRA 8:10)
(Krasheninnikov, Stepan Petrovich, 1713-1755)

TIKHOMIROV, G. S.

TIKHOMIROV, G. S. Russkaia literatura po istorii geografii. Vyp. 1, (A,B,V). Moskva, Izd. MGU, 1948. 119 p.
DLC: Unclass.

SO: LC, Soviet Geography, Part I, 1951, Uncl.

TIKHOMIROV, G.S.

Elisée Reclus, an outstanding French geographer. Trudy Inst. ist.est.i tekh. 37:38-51 '61. (MIRA 14:10)
(Reclus, Jean Jacques Elise, 1830-1905)
(Geography)

SHCHERBAKOV, D.I., akademik, red.; TIKHOMIROV, G.S., kand. ekonom. nauk, red.; BELOV, M.I., doktor ist. nauk, red.; SUZYUMOV, Ye.M., red.; FEDOSEYEV, I.A., kand. tekhn. nauk, red.; FILIPPOV, M.S., kand. geol.-miner. nauk, red.; PERVAKOV, I.L., red.; CHERNYKH, M.P., mladshiy red.; GOLITSYN, A.V., red. kart; VILENSKAYA, E.N., tekhn. red.

[Soviet expeditions of 1959] Sovetskie ekspeditsii 1959 goda. Moskva, Gos. izd-vo geogr. lit-ry, 1962. 303 p. (MIRA 15:7)
(Scientific expeditions)

TIKHOMIROV, Gergiy Sergeyevich; TATARINOVA, Ye.I., red.; LAZAREVA, L.V., tekhn. red.

[Mitrofan Stepanovich Bodnarskii] Mitrofan Stepanovich Bodnarskii. Moskva, Izd-vo Mosk. univ., 1962. 51 p. (Zamezhatel'nye uchenye Moskovskogo universiteta, no.30) (MIRA 15:7)
(Bodnarskii, Mitrofan Stepanovich, 1870-1953)

SILAYENKOV, Ye.S., kand.tekhn.nauk; TIKHOMIROV, G.V., inzh.

Effect of carbonation on some properties of autoclaved concretes.
Stroi. mat. 7 no.4:30-33 Ap '61. (MIRA 14:5)
(Carbon dioxide) (Concrete)

STLAYENKOV, Ye.S., kand. tekhn. nauk; TIKHOMIROV, G.V., inzh.; ZARIN, E.A., inzh.; SKOBELEVA, T.A., inzh.

Service life of autoclaved cellular concrete in large products. Sbor. trud. Sverd. nauch.-issl. inst. po stroi. no.10:109-134 '63. (MIRA 17:10)

SILAYENKOV, Ye.S., kand. tekhn. nauk; TIKHOMIROV, G.V., inzh.

Service life of cellular concrete on a base of lime and ash.
Sbor. trud. Sverd. nauch.-issl. inst. po stroi. no.10:135-153
'63. (MIRA 17:10)

S/200/62/000/012/005/005
D205/D307

AUTHORS: Tikhomirov, I.A. and Melenevskiy, V.N.

TITLE: Study of the isotope effect in the thermal decomposition of ozone

PERIODICAL: Akademiya nauk SSSR. Sibirskoye otdeleniye. Izvestiya, no. 12, 1962, 131-133

TEXT: The above subject was studied in an effort to explain the enrichment of ozone in O^{18} observed during the electrosynthesis of O_3. Ozone was electrosynthesized from purified dry oxygen, distilled, and was then heated at 120°C until considerable decomposition into oxygen took place. The remaining ozone was liquefied and again separated from oxygen by distillation. The concentrated residue was vaporized and converted wholly into oxygen. Isotopic composition was determined by mass-spectrometry. It was found that O_3 was enriched in O^{18} during its thermal decomposition, the partition coefficient (α) being 1.08 ± 0.01. Measurement of α for various degrees of conversion (P) of O_3 into O_2 showed that α tended to de-

Card 1/2

crease when P increased from 33 to 90%. It was also demonstrated that no isotopic exchange between O_3 and O_2 takes place when O_3 is decomposed thermally, at 120°C. The theoretical α at 120°C was calculated as 1.07. There are 3 figures.

ASSOCIATION: Tomskiy politekhnicheskiy universitet (Tomsk Polytechnic Institute)

SUBMITTED: March 7, 1962

TIKHOMIROV, Igor' Nikolayevich; PAPMEL', S.V., redaktor; DOTSENKO, A.A., tekhnicheskiy redaktor

[Outboard motor] Podvesnye lodochnye motory. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 166 p. (MLRA 9:10)
(Outbord motorboats--Gasoline engines)

TIKHOMIROV, I., inzh.

Improving power and economic indices of the PD-10M starting engine. Trakt. i sel'khozmash. 31 no.6:4-6 Je '61. (MIRA 14:6)

(Diesel engines)

TIKHOMIROV, I.

Review of a textbook on the theory, design, and calculations of tractors. Trakt. i sel'khozmash. 33 no.9:45-46 S '63.
(MIRA 16:10)

(Tractors—Design and construction)

TIKHOMIROV, I., inzh.

Motorboat engines. Za rul. 18 no.5:24-25 My '60. (MIRA 14:3)
(Outboard motors)

TIKHOMIROV, I.

Efficiency promoters help improve the quality of training; based on experience. Voen.vest.36 no.2:61-62 F '57. (MLRA 10:3)
(Military education)

TIKHOMIROV, I., inzhener

The improved Natalevich block system for railroad stations. Zhel. dor. transp. no.12:83-84 D'47. (MLRA 8:12)
(Railroads--Signaling--Block system)

TIKHOMIROV, I.

In the Leningrad University. Vop.ekon. no.10:158 O '58. (MIRA 11:11)

(Leningrad--Economics--Study and teaching)

TIKHOMIROV, I.

NOVOZHILOV, P., prepodavatel' avtodela (Kupyansk); TIKHOMIROV, I., prepodavatel'.

"Electric equipment for automobiles and tractors" by V.S. Zotov, N.M. Il'in. Reviewed by P. Novozhilov, I. Tikhomirov. Avt.transp. 35 no.11:38-39 N '57. (MIRA 11:1)

1.Voronezhskiy sel'skokhozyanstvennyy institut (for Tikhomirov)
(Automobiles--Electric equipment)
(Tractors--Electric equipment)

REMEZOV, L.; TIKHOMIROV, I. [Tykhomirov, I.]

Improved methods for mechanizing the stall system of keeping cows. Mekh. sil'. hosp. 14 no.8:26-27 Ag '63. (MIRA 17:1)

1. Donetskaya oblastnaya issledovatel'skaya stantsiya.

TIKHOMIROV, I.

13062

USSR/Railway Safety Control 4602.0321 Dec 1947

"Improvement of the Natalevich Interlocking Station Control System," I. Tikhomirov, Engineer, 2 pp.

"Zh-d Transport" No 12

Describes operation of interlocking station control system permitting uninterrupted passage of trains through a station where danger of collision normally prevails. Chart included.

LC

13062

37080

S/076/62/036/004/010/012
B101/B110

11.1120

AUTHORS: Tikhomirov, I. A., and Melenevskiy, V. N. (Tomsk)

TITLE: Investigation of the isotope effect during electrosynthesis of ozone according to Rayleigh

PERIODICAL: Zhurnal fizicheskoy khimii, v. 36, no. 4, 1962, 895-897

TEXT: The separation factor of O_2 isotopes during ozonization was measured. O_2 circulated in a closed circuit so that ozone yields of 45-90% were obtained. O_2 circulation through the apparatus was achieved by means of a centrifugal compressor. Ozonization took place in a 600 mm long glass tube, at a potential difference of 15 kv. Ozone was absorbed in traps filled with KI. The residual gas was analyzed mass-spectrometrically. Results: (1) With increasing conversion of O_2 to O_3, impoverishment of O^{18} sets in, in the residual gas. (2) For degrees of conversion from 45 to 90% the separation factor was 1.08 (error limit ± 10-15%). (3) The separation factor is independent of pressure. (4) The results agree with the data of I. A. Semiokhin, G. M. Panchenkov (Zh. fiz. khimii, 33, 1933,

Card 1/2

X

Investigation of the isotope ... S/076/62/036/004/010/012
B101/B110

1959). There are 3 figures.

SUBMITTED: April 12, 1961

Card 2/2

TIKHOMIROV, I.A.; VERGUN, A.P.

Obtaining and investigating the isotopic effect during the reduction of nitric acid to nitrogen oxides in the presence of mercury. Izv. SO AN SSSR no.3 Ser. khim. nauk no.1:154-156 '63. (MIRA 16:8)

1. Tomskiy politekhnicheskiy institut.
(Nitric acid) (Nitrogen oxides) (Nitrogen isotopes)

TIMOFEYEV, I. A.

"Certain Problems on the Interaction of Surrounding Deposits and Level Timber Supports." Cand Tech Sci, Chair of Construction of Mining Enterprises, Leningrad Orders of Lenin and Labor Red Banner Mining Inst, Min Higher Education USSR, Leningrad, 1955. (KL, No 11, Mar 55)

SO: Sum. No. 670, 29 Sep 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

TIKHOMIROV, I.A., kand.tekhn.nauk.

Calculation of mining cycles. Shakht.stroi. no.9:4-6 S '57.
(MIRA 10:10)
(Mining industry and finance)

TIKHOMIROV, I.A., kand.tekhn.nauk; DEMCHUK, P.A., gornyy inzh.;
AGAFONOV, Ye.M., gornyy inzh.; BUZ'KO, A.S., gornyy inzh.

Using the EPM-1 rock loader in the drifting of inclines.
Ugol' Ukr. 6 no.1:31-33 Ja '62. (MIRA 15:2)
(Coal mining machinery)

DEMCHUK, P.A., inzh.; TIKHOMIROV, I.A., kand.tekhn.nauk

Determining the content of nitrous oxide in mine air after bla operations. Bezop.truda v prom. 6 no.7:22-23 Jl '62. (MIRA 15:7)
(Mine gases)

DEMCHUK, P.A., gornyy inzh.; TIKHOMIROV, I.A., kand.tekhn.nauk

Use of cartridge water stemming. Ugol' Ukr. 6 no.9:40-41 S '62. (MIRA 15:9)

1. Kommunarskiy gornometallurgicheskiy institut.
(Mine dusts) (Blasting)

KURIN, M.N.; GOLYSHEV, S.I.; TIKHOMIROV, I.A.

Separation of lithium, sodium, and potassium ions in an ion-exchange column by superimposing a static electric field. Izv. SO AN SSSR no.7 Ser. khim. nauk no.2:89-93 '64(MIRA 18:1)

1. Tomskiy politekhnicheskiy institut.

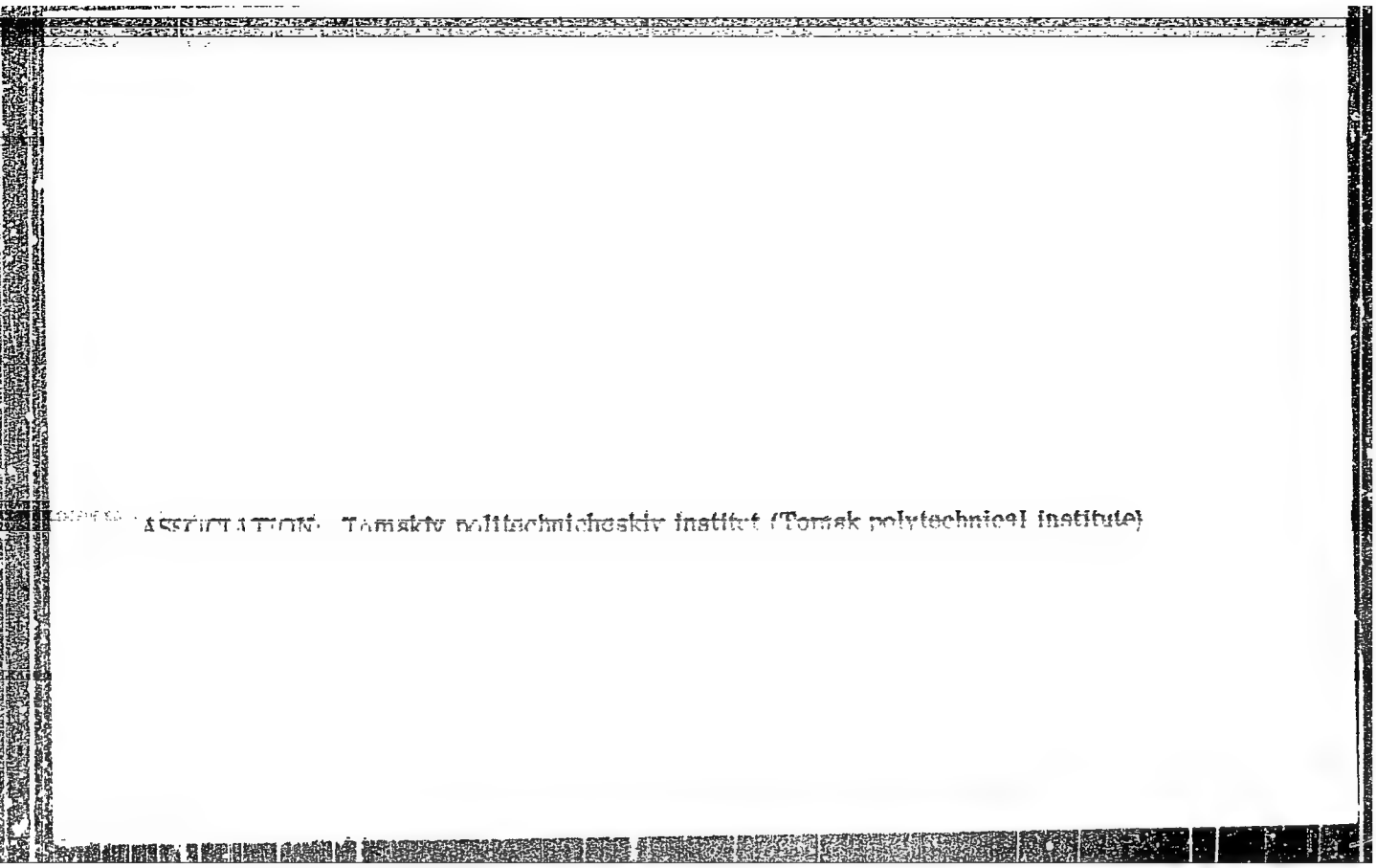
TIKHOMIROV, I.A.; MELENEVSKIY, V.N.

Studying the isotope effect in thermal decomposition of ozone.
Izv. Sib. otd. AN SSSR no.12:131-133 '62. (MIRA 17:8)

1. Tomskiy politekhnicheskiy institut.

AUTHOR: Kurin, M.N., Golyshev, S.I., Tikhomirov, I.A.

10 and 15 mm in diameter, ... The authors briefly discuss the theory of the process.



TIKHOMIROV, I.B. (Moskva)

Clinical aspects of the so-called periodic disease. Klin.med. 39 no.3:145-148 Mr '61. (MIRA 14:3)

1. Iz 2-y kafedry terapii (zav. - prof. B.Ye. Votchal) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. M.D. Kovrigina) na baze Klinicheskoy bol'nitsy imeni S.P. Botkina (glavnyy vrach - prof. A.N. Shabanov).

(PERIODIC DISEASE)

TIKHOMIROV, I.B.

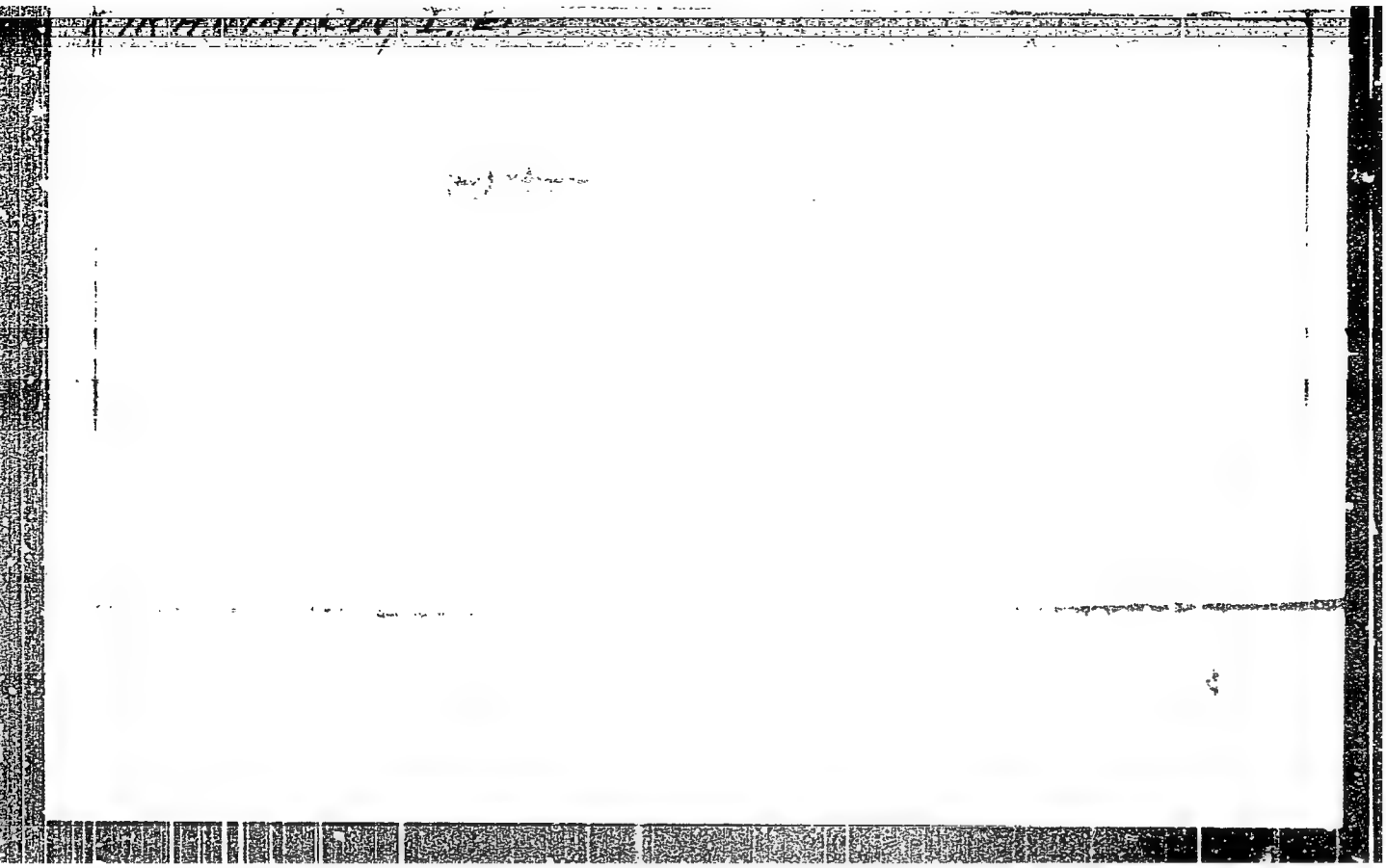
Factor of capillary permeability in rheumatic fever and experimental allergic inflammation. Pat.fiziol. i eksp. terap. 9 no.4:87-88 Jl-Ag '65. (MIRA 18:9)

1. Institut revmatizma (direktor - deystvitel'nyy chlen AMN SSSR prof. A.I.Nesterov; rukovoditel' raboty - prof. I.V. Vorob'yev) AMN SSSR, Moskva.

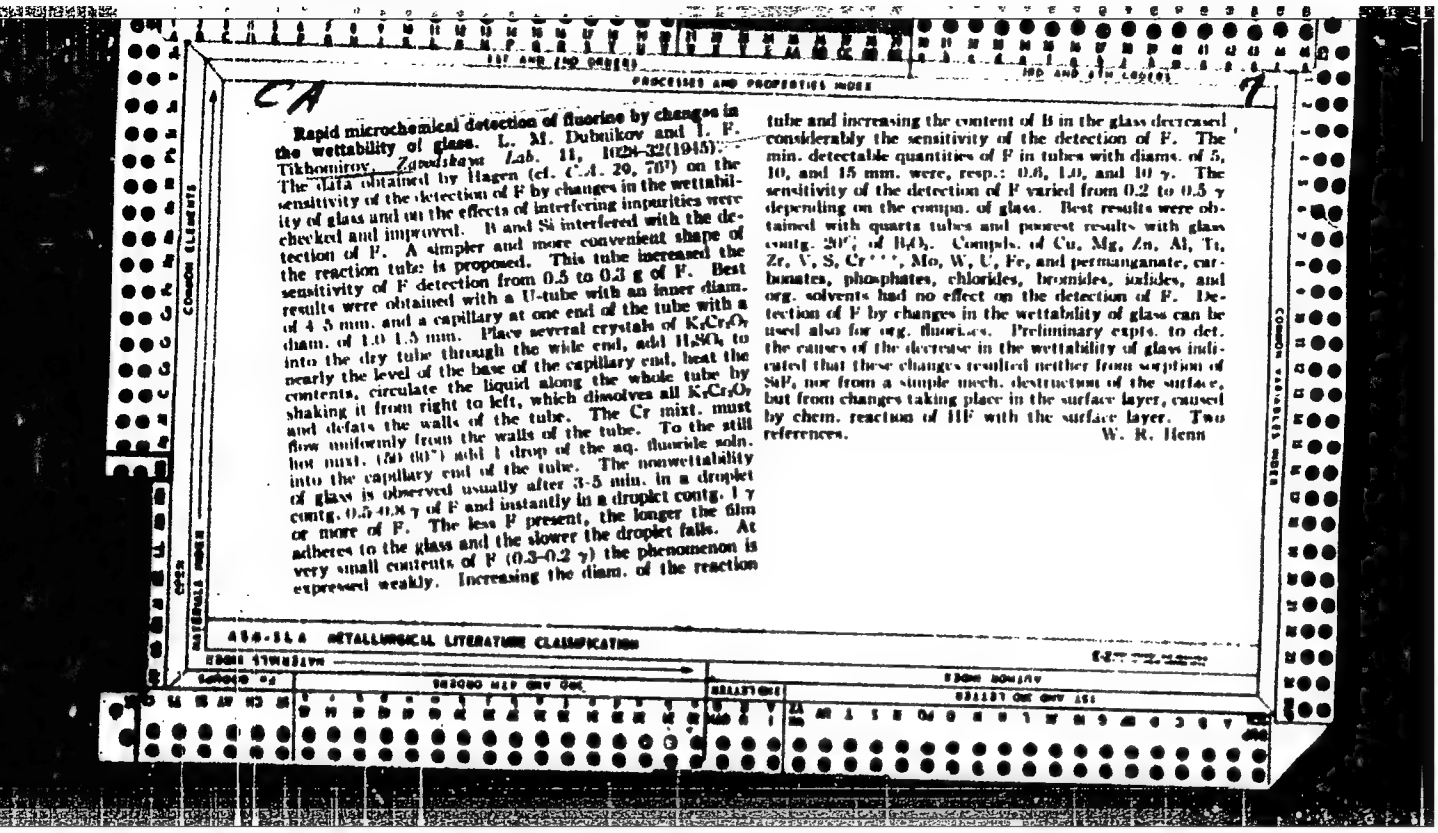
TIKHOMIROV, I.D.; LUR'YE, I.M., starshiy inzh.

Every invention should be filed. Izobr.i rats. no.6:1-2 Je '62. (MIRA 15:6)

1. Zamestitel' zaveduyushchego otdelom registratsii nauchno-issledovatel'skikh rabot Komiteta po delam izobreteniy i otkrytiy (for Tikhomirov). 2. Otdel registratsii nauchno-issledovatel'skikh rabot Komiteta po delam izobreteniy i otkrytiy (for Lur'ye). (Inventions)



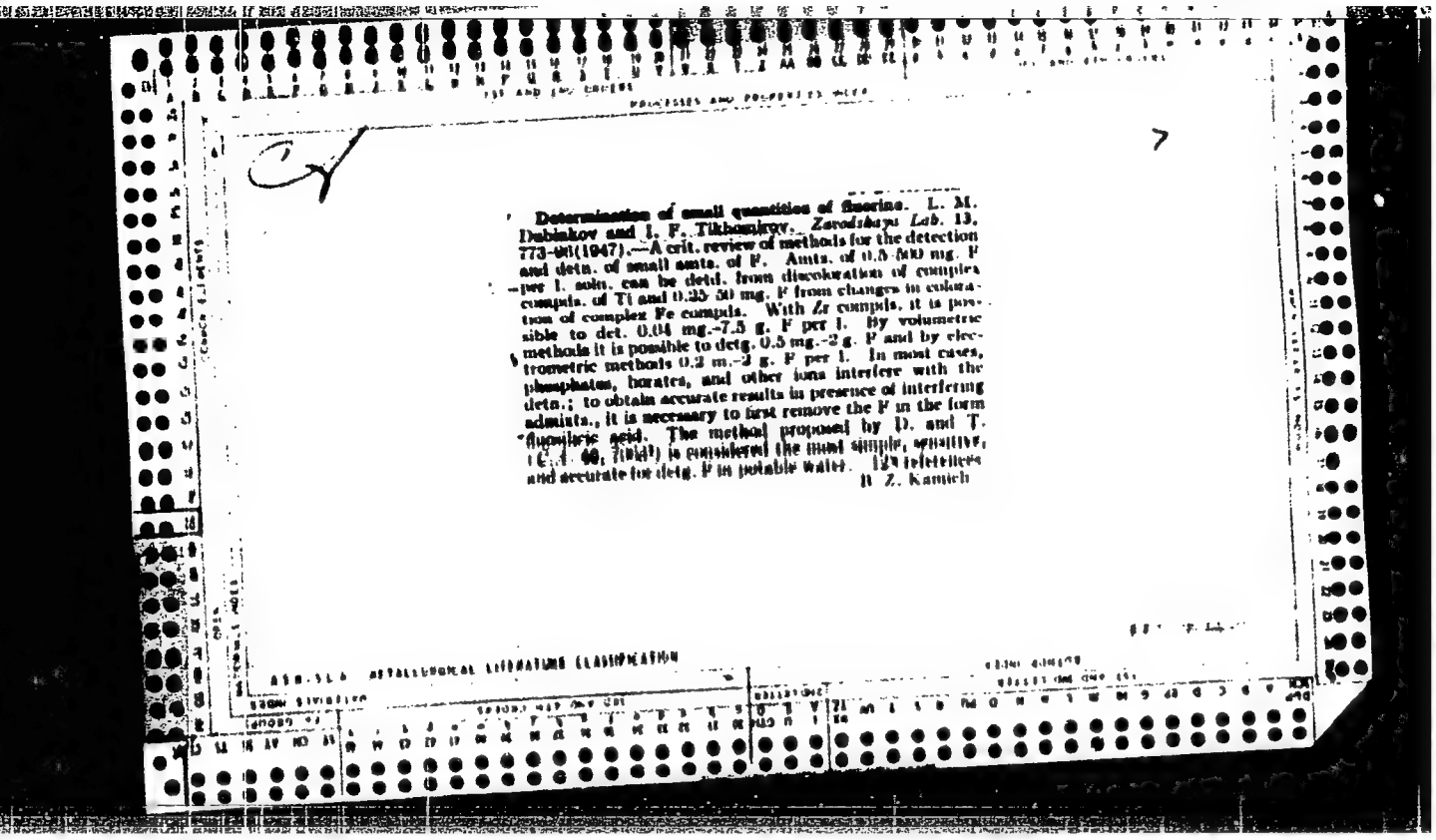
APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755610002-4"



CA

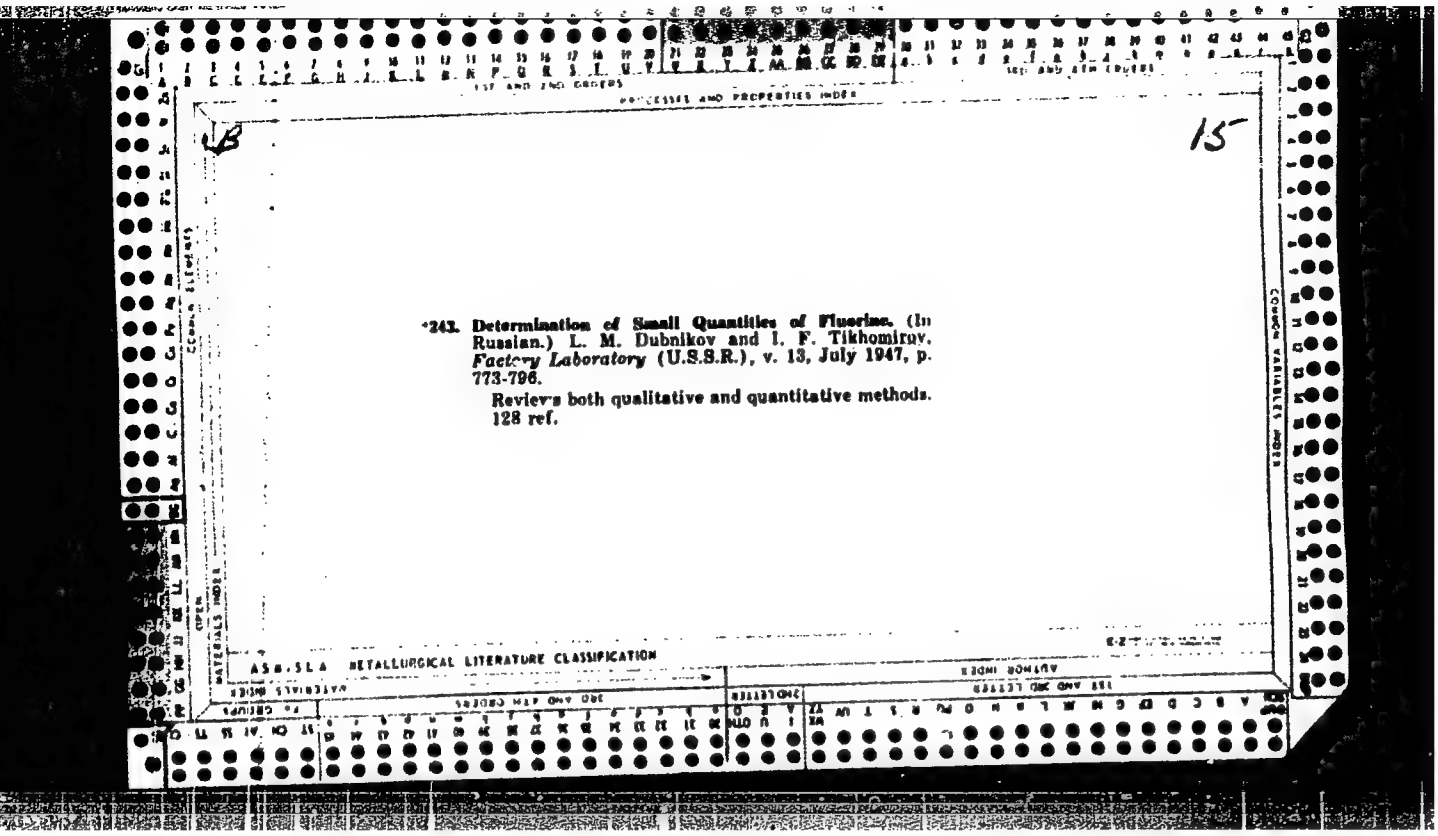
Rapid microchemical detection of fluorine by changes in the wettability of glass. L. M. Dubnikov and I. F. Tikhomirov. *Zavodskaya Lab.* 11, 1028–32(1945). The data obtained by Hagen (cf. *C.A.* 20, 707) on the sensitivity of the detection of F by changes in the wettability of glass and on the effects of interfering impurities were checked and improved. B and Si interfered with the detection of F. A simpler and more convenient shape of the reaction tube is proposed. This tube increased the sensitivity of F detection from 0.5 to 0.3 γ of F. Best results were obtained with a U-tube with an inner diam. of 4–5 mm. and a capillary at one end of the tube with a diam. of 1.0–1.5 mm. Place several crystals of $K_2Cr_2O_7$ into the dry tube through the wide end, add H_2SO_4 to nearly the level of the base of the capillary end, heat the contents, circulate the liquid along the whole tube by shaking it from right to left, which dissolves all $K_2Cr_2O_7$ and defats the walls of the tube. The Cr mixt. must flow uniformly from the walls of the tube. To the still hot mixt. (150–60°) add 1 drop of the aq. fluoride soln. into the capillary end of the tube. The nonwettability of glass is observed usually after 3–5 min. in a droplet contg. 0.5–0.8 γ of F and instantly in a droplet contg. 1 γ or more of F. The less F present, the longer the film adheres to the glass and the slower the droplet falls. At very small contents of F (0.3–0.2 γ) the phenomenon is expressed weakly. Increasing the diam. of the reaction tube and increasing the content of B in the glass decreased considerably the sensitivity of the detection of F. The min. detectable quantities of F in tubes with diams. of 5, 10, and 15 mm. were, resp.: 0.6, 1.0, and 10 γ. The sensitivity of the detection of F varied from 0.2 to 0.5 γ depending on the compn. of glass. Best results were obtained with quartz tubes and poorest results with glass contg. 20% of B_2O_3. Compds. of Cu, Mg, Zn, Al, Ti, Zr, V, S, Cr^{+++}, Mo, W, U, Fe, and permanganate, carbonates, phosphates, chlorides, bromides, iodides, and org. solvents had no effect on the detection of F. Detection of F by changes in the wettability of glass can be used also for org. fluorides. Preliminary expts. to det. the causes of the decrease in the wettability of glass indicated that these changes resulted neither from sorption of SiF_4 nor from a simple mech. destruction of the surface, but from changes taking place in the surface layer, caused by chem. reaction of HF with the surface layer. Two references.

W. R. Henn



Determination of small quantities of fluorine. L. M. Dubinkov and I. F. Tikhomirov. *Zavodskaya Lab.* 13, 773-6(1947).—A crit. review of methods for the detection and detn. of small amts. of F. Amts. of 0.5-500 mg. F per l. soln. can be detd. from discoloration of complex cmpds. of Ti and 0.25-50 mg. F from changes in coloration of complex Fe cmpds. With Zr cmpds. it is possible to det. 0.04 mg.–7.5 g. F per l. By volumetric methods it is possible to detg. 0.5 mg.–2 g. F and by electrometric methods 0.2 m.–2 g. F per l. In most cases, phosphates, borates, and other ions interfere with the detn.; to obtain accurate results in presence of interfering admixts., it is necessary to first remove the F in the form fluosilicic acid. The method proposed by D. and T. (C.A. 40, 7104[1]) is considered the most simple, sensitive, and accurate for detg. F in potable water. 124 references.
B. Z. Kamich

Determination of small amounts of fluorine. L. M. DUBNIKOV AND I. P. TIHOMIROV. *Zavodskaya Lab.*, 13, 773–98 (1947); abstracted in *Chem. Zentr.*, 1948, I [1/2] 143.– Literature is reviewed for (1) qualitative determinations by the microcrystalline-optical, glass-etching, wetting of glass, precipitation, colorimetric, and spectroscopic methods and (2) quantitative determinations by the colorimetric, titrimetric, electrometric, gravimetric, nephelometric, gas-volumetric, etch-effect on glass, and spectroscopic methods. M IIA



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*243. **Determination of Small Quantities of Fluorine.** (In Russian.) L. M. Dubnikov and I. F. Tikhomirov. *Factory Laboratory* (U.S.S.R.), v. 13, July 1947, p. 773-796.

Reviews both qualitative and quantitative methods. 128 ref.

SOV/123-59-15-59207

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Nr 15, p 47 (USSR)

AUTHOR: Tikhomirov, I.F.

TITLE: Introducing a New Technology in Machine Construction

PERIODICAL: Tekhn.-ekon. byul. Sovnarkhoz Astrakhansk. ekon. adm. r-na, 1958, Nr 8, pp 3 - 4

ABSTRACT: The results of introducing group machining of machine parts and multi-purpose assembly fixtures for the manufacture in small series and piece production are described. It is pointed out that the conversing of multi-purpose machine tools to group work saves between 10,000 and 15,000 rubles for each machine tool.

M.I.V.

Card 1/1

BELYAKOV, F.Ye.; BABIN, B.N.; BAL', V.; BOROVKOV, P.N.; VOYEVODIN, I.N.; GUREVICH, G.M.; GORBUNOVA, P.I.; KONNOV, A.S.; KALANTAROVA, M.V.; KASHIRSKIY, A.Ya.; KAZANCHEYEV, Ye.N.; LEKSUTKIN, A.F.; LETICHEVSKIY, M.A.; LOPATIN, S.Z.; MIRSKIY, V.N.; PODSEVALOV, V.N.; SUBBOTINA, V.P.; TANASIYCHUK, N.P.; FEDOTOV, S.D.; FISENKO, K.N.; EL'KIND, I.G.; BOVIN, S.S.; VASIL'YEV, L.T.; DRINKOV, V.D.; DALECHIN, N.I.; DADAGOV, I.A.; YERMOSHINA, V.I.; ZHUKOV, I.V.; ZIMIN, D.A.; IVANNIKOV, A.Ya.; KOVALEV, M.K.; LUGAKOVSKIY, N.L.; MALEVSKIY, A.F.; SEREZHNIKOV, V.K.; SEMIGLASOV, M.D.; SOKOLOV, A.V.; STEPANOV, V.I.; SAKHARIN, G.S.; SAVENKO, P.A.; SOLODOV, V.P.; UMEROV, Sh.Kh.; CHIKINDAS, G.S.; SECHERBUKHINA, S.N.; DYNKIN, G.Z.; LYSOV, V.S.; OSHEROVICH, A.N.; ROKITSINSKIY, E.V.; BRASLAVSKIY, M.S.; RUDENKO, I.A.; ZHUKOBORSKIY, M.S.; ZHDANOV, I.Ye.; SUSLIN, V.A.; BRUS, A.Ye.; VOLYNSKIY, S.A.; KLYUYEV, V.A.; ISTRATOV, A.G.; TIKHOMIROV, I.F.; BUTYRIN, Ya.N.; VOLYNSKIY, S.A.; MINEYEV, M.F.; MAL'TSEV, V.I.; VIDETSKIY, A.F., kand.tekhn.nauk, glavnyy red.; DEMIDOV, A.N., red.; KRAVETS, A.L., red.; KLIMOVA, Z.I., tekhn.red.

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1. Astrakhan (Province) Ekonomicheskiy administrativnyy rayon. (Astrakhan Province--Economic conditions)

TIKHOMIROV, I. G.

PHASE I TREASURE ISLAND BIBLIOGRAPHICAL REPORT AID 381 - I

BOOK Call No.: TN686.T54

Author: TIKHOMIROV, I. G.
Full Title: ELECTRICIAN'S HANDBOOK FOR NONFERROUS METALLURGICAL PLANTS
Transliterated Title: Spravochnik elektrika predpriyatiy chernoy metallurgii

Publishing Data
Originating Agency: None
Publishing House: State Scientific and Technical Publishing House of Ferrous and Nonferrous Metallurgical Literature
Date: 1952 No. pp.: 1167 No. of copies: 14,000
Editorial Staff
Editors: Shalyapin, M. G. and Levitanskiy, B. A. Tech. Ed.: None
Editor-in-Chief: Tomson, G. B. Appraiser: None
Others: Names of contributors are listed.

Text Data
Coverage: This handbook contains technical data and characteristics of electric equipment used in ferrous metallurgy. Information on the calculation and on the operation of this kind of equipment is also included. Along with new types of electric machines, apparatus, and products, older types in use in the ferrous metallurgy industry are also described. Information on equipment for specialized use

Spravochnik elektrika predpriyatiy chernoy metallurgii AID 381 - I

such as agglomeration, coking, blast furnace, steel smelting, etc. will be found in separate sections. Diagrams, graphs, tables, etc.

This is a well compiled handbook.

TABLE OF CONTENTS

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equipment of agglomeration factories; 14. Electric equipment of coke by-product plants; 15. Electric equipment of metal products plants; 16. Electric transportation.

PART VI 1143-1167

Safety technics; Object index.

Purpose: This handbook is destined for engineering, technical and skilled workers of the electrical industry and of designing offices, and also for those who operate, assemble, and design this equipment.
Facilities: Names of some institutions connected with nonferrous metallurgy are mentioned in the text.
No. of Russian and Slavic References: A number of references are scattered in the text.
Available: Library of Congress.

3/3

TIKHOMIROV, I.G., inzhener, redaktor.

[Reference book for heat engineers in the ferrous metals industry] Spravochnik teplotekhnika predpriiatii chernoi metallurgii. Pod. red. I.G.Tikhomirova. Moskva, Gos. nauchno-tekhnicheskoe izd-vo lit-ry po chernoi i tsvetnoi metallurgii. Vol.1., 1953. 871 p.
(MLRA 7:2)
(Heat engineering)

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[Handbook for the heat engineer in ferrous metals industry] Spravochnik teplotekhnika predpriiatii chernoi metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii. Vol.2. 1954. 782 p. (MLRA 7:7)
(Heat engineering) (Metal industries)

TIKHOMIROV, I. S., Engr. Cand. Tech. Sci.

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TF590.T54

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Methods of improving the utilization of rolling stock. Trudy MIIT no.79:5-28 '53. (MLRA 8:5)
(Railroads--Rolling-stock)

TIKHOMIROV, I.G., kandidat tekhnicheskikh nauk.

The effect of uniform and rhythmic movement of trains on the work of the receiving section of hump yards. Sbor.trud.Akad.zhel.transp. no.3:68-85 '54. (MLRA 9:8)
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ALFEROV, A.A.; ARTEMKIN, A.A.; ASHKENAZI, Ye.A.; VINOGRADOV, G.P.; GALEYEV, A.U.; GRIGOR'YEV, A.N.; D'YACHENKO, P.Ye.; ZALIT, N.N.; ZAKHAROV, P.M.; KOBNIN, M.P.; IVANOV, I.I.; IL'IN, I.P.; KMETIK, P.I.; KUDRYASHOV, A.T.; LAPSHIN, F.A.; MOLCHANCHUK, V.S.; PERTSOVSKIY, L.M.; POGODIN, A.M.; RUDOY, M.L.; SAVIN, K.D.; SIMONOV, K.S.; SITKOVSKIY, I.P.; SITNIK, M.D.; TETEREV, B.K.; TSETYRKIN, I.Ye.; TSUKANOV, P.P.; SHADIKYAN, V.S.; ADELUNG, N.N., retsenzent; AFANAS'YEV, Ye.V, retsenzent; VLASOV, V.I., retsenzent; VOROB'YEV, I.Ye., retsenzent; VORONOV, N.M., retsenzent; GRITCHENKO, V.A., retsenzent; ZHEREBIN, M.N., retsenzent; IVLIYEV, I.V., retsenzent; KAPORTSEV, N.V., retsenzent; KOCHUROV, P.M., retsenzent; KRIVORUCHKO, N.Z., retsenzent; KUCHKO, A.P., retsenzent; LOBANOV, V.V., retsenzent; MOROZOV, A.S., retsenzent; ORLOV, S.P., retsenzent; PAVLUSHKOV, E.D., retsenzent; POPOV, A.N., retsenzent; PROKOF'YEV, P.F., retsenzent; RAKOV, V.A., retsenzent; SINEGUBOV, N.I., retsenzent; TERENIN, D.F., retsenzent; TIKHOMIROV, I.G., retsenzent; URBAN, I.V., retsenzent; FIALKOVSKIY, I.A., retsenzent; CHEPYZHEV, B.F., retsenzent; SHEBYAKIN, O.S., retsenzent, SHCHERBAKOV, P.D., retsenzent; GARNYK, V.A., redaktor; LOMAGIN, N.A., redaktor; MORDVINKIN, N.A., redaktor; NAUMOV, A.N., redaktor; POBEDIN, V.F., redaktor; RYAZANTSEV, B.S., redaktor; TVERSKOY, K.N., redaktor; CHEREVATYY, N.S., redaktor; ARSHINOV, I.M., redaktor; BABELYAN, V.B., redaktor; BERNGARD, K.A., redaktor; VERSHINSKIY, S.V., redaktor; GAMBURG, Ye.Yu., redaktor; DERIBAS, A.T., redaktor; DOMEROVSKIY, K.I., redaktor; KORNEYEV, A.I., redaktor; MIKHEYEV, A.P., redaktor

(Continued on next card)

ALFEROV, A.A. ---- (continued) Card 2.
MOSKVIN, G.N., redaktor; RUBINSHTEYN, S.A., redaktor; TSYPIN, G.S., redaktor; CHERNYAVSKIY, V.Ya., redaktor; CHERNYSHEV, V.I., redaktor; CHERNYSHEV, M.A., redaktor; SHADUR, L.A., redaktor; SHISHKIN, K.A., redaktor

[Railroad handbook] Spravochnaia knizhka zheleznodorozhnika, Izd. 3-e, ispr. i dop. Pod obshchei red. V.A.Garnyka. Moskva, Gos. transp.zhel-dor. izd-vo, 1956. 1103 p. (MLRA 9:10)

1. Nauchno-tekhnicheskoye obshchestvo zheleznodorozhnogo transporta. (Railroads)

TIKHOMIROV, I.G., professor, doktor tekhnicheskikh nauk.

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TIKHOMIROV, I.G., prof., doktor tekhn. nauk (Gomel'); SYTSKO, P.A., dotsent (Gomel')

Increasing the speed and weight of freight trains on single-track lines. Zhel. dor. transp. 47 no.3:31-35 Mr '65. (MIRA 18:5)

VOLKOV, V.F., kand. tekhn. nauk; LEBEDEV, P.D., prof.; [illegible], Ye.Ya.; SEMENENKO, N.A.; KOLACH, T.A., dotsent; IVANOV, A.M.; TIKHOMIROV, I.G.; PAVLOV, M.N.

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1. Ural'skiy politekhnicheskiy institut imeni S.M.Kirova (for Volkov). 2. Moskovskiy ordena Lenina energeticheskiy institut (for Lebedev, Sokolov, Semenenko). 3. Fakul'tet promyshlennoy teploenergetiki Moskovskogo ordena Lenina energeticheskogo instituta (for Kolach). 4. Gosudarstvennyy komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR (for Ivanov). 5. Nauchno-issledovatel'skiy institut Soveta narodnogo khozyaystva SSSR (for Tikhomirov). 6. Gosudarstvennyy soyuznyy institut po proyektirovaniyu metallurgicheskikh zavodov (for Pavlov).

TIKHOMIROV, I.G., prof., doktor tekhn.nauk (Gomel'); LITVINOVSKIY, G.A. (Gomel'); SHAFIT, Ye.M., kand.tekhn.nauk (Dnepropetrovsk); MIKHNEVICH, L.N., kand.tekhn.nauk (Dnepropetrovsk)

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TIKHOMIROV, I.G., prof.; SHUL'ZHENKO,P.A., assistent

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Organization of train operations on lengthened haul distances. Zhel.dor. transp. 45 no.2:8-13 F '63. (MIRA 16:2)
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TIKHOMIROV, I.G., prof., doktor tekhn. nauk; BUYANOV, V.A., ass.; VINNICHENKO, A.V., dots.; MUKHO, P.B.,ass.; NEVZOROV, A.V., dots.; TULUPOV, L.P., dots.; SHUL'ZHENKO, P.A., ass.; YARMOLENKO, V.Ye.,ass.; Prinimal uchastiye PETROV, A.P., prof.; VEREVKINA, N.M., red.; BELEN'KAYA, I.Ye., tekhn. red.

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1. Chlen-korrespondent Akademii nauk SSSR (for Petrov).
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TIKHOMIROV, I.G., prof., doktor tekhn.nauk; KORNEYEV, P.Ya., kand.tekhn. nauk; NEVZOROV, A.V., kand.tekhn.nauk; GUBIN, I.N., inzh.

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(Automatic control)

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(Gas, Natural)

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Lengthening of hauls and possibilities of a further acceleration of car turnover. Zhel.dor.transp. 43 no.6:17-22 Je '61. (MIRA 14:7)

1. Zamestitel' nachal'nika Belorusskoy dorogi (for Yushkevich).
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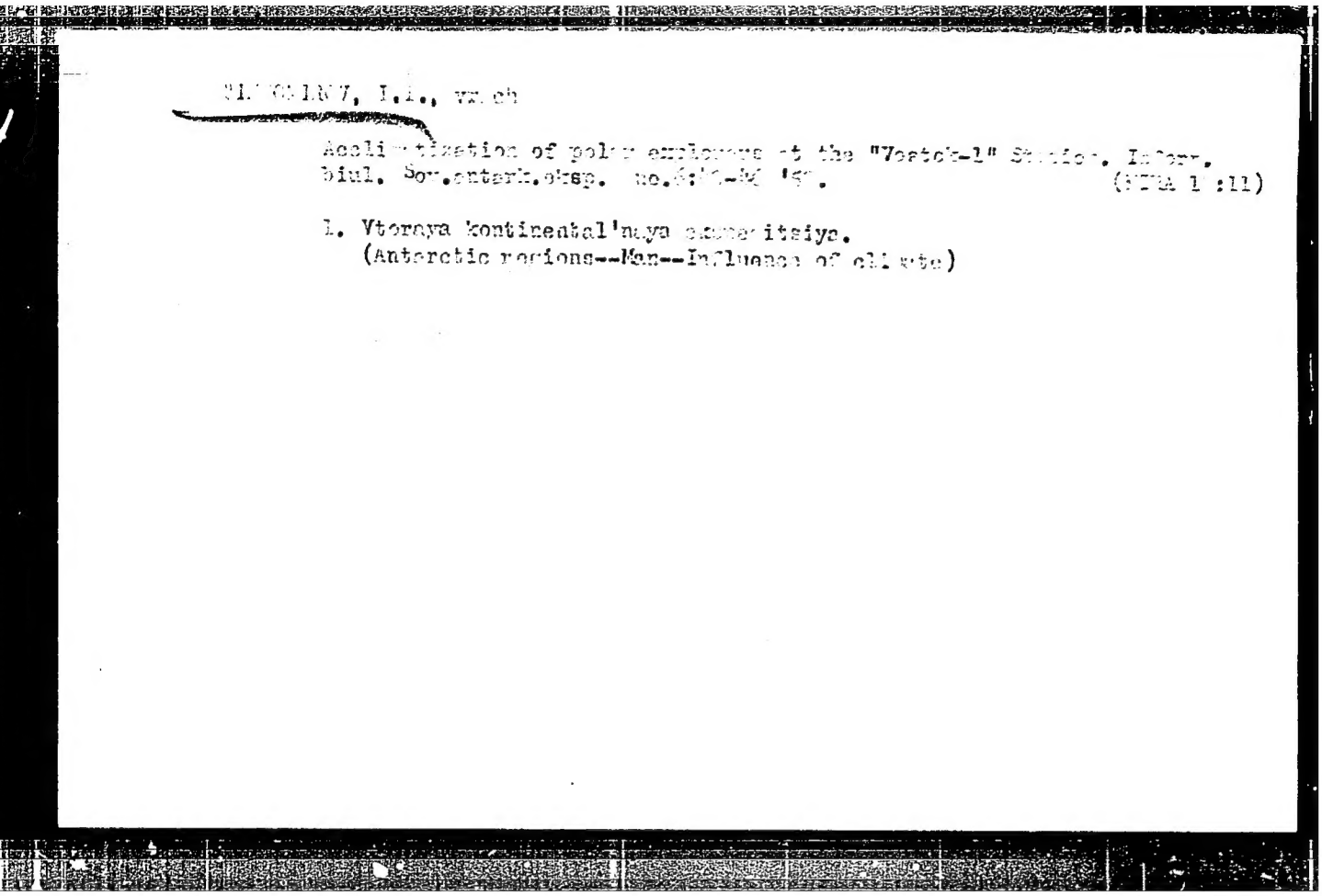

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1. Vtoraya kontinental'naya ekspeditsiya.
(Antarctic regions--Man--Influence of climate)

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1. Leningrad. Arkticheskiy i antarkticheskiy nauchno-issledovatel'skiy institut. 2. Nachal'nik Vtoroy kontinental'noy ekspeditsii (for Treshnikov). 3. Zamestitel' nachal'nika Vtoroy kontinental'noy ekspeditsii po administrativno-khozyaystvennoy chasti; nachal'nik beregovoy bazy (for Matveychuk).

(Continued on next card)

TRESHNIKOV, Aleksey Fedorovich ---(continued) Card 2.
4. Glavnyy inzhener Vtoroy kontinental'noy ekspeditsii (for Chupin). 5. Nachal'nik otryada svyazi i radionavigatsii Vtoroy kontinental'noy ekspeditsii (for Aralov). 6. Starshiy vrach Vtoroy kontinental'noy ekspeditsii (for Tikhomirov). 7. Nachal'nik geofizicheskogo otryada Vtoroy kontinental'noy ekspeditsii (for Mansurov). 8. Nachal'nik aerometeorologicheskogo otryada Vtoroy kontinental'noy ekspeditsii (for Krichak). 9. Nachal'nik glyatsiologicheskogo i vnutrikontinental'nogo otryada Vtoroy kontinental'noy ekspeditsii. 10. Nachal'nik otryada pribreshnoy gidrologii Vtoroy kontinental'noy ekspeditsii (for Shesterikov).
(Antarctic regions--Russian exploration)

TIKHOMIROV, I.I., vrach

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(ANTARCTIC REGIONS—DISEASES AND HYGIENE)